CASKTEK

FROM **KIGTEK**

TAKE BACK THE ANGELS SHARE WITH CASKTEK

THE MODERN FILLING, DISGORGING AND DATA MANAGEMENT SOLUTION

CASKTEK
SOFTWARE

AUTOMATED TAX REPORTING
PLAN CASK FILLING
MANAGE DISGORGING
IDENTIFY AND REDUCE MATURATION LOSS
PERFORMANCE REPORTING
CASK TRANSPORT TRACKING

The CaskTEK software package is owned and licenced by Kigtek and provides essential functionality for cask filling and disgorging operations.

SOFTWARE FEATURES

MODULAR

CaskTEK is a modular software package that enables distilleries to plan, monitor and manage the filling and disgorging of casks.

EASY INTEGRATION

CaskTEK can be integrated into existing process control systems or can operate as a standalone system.

FLEXIBLE

CaskTEK has the ability to manage filling and disgorging of either single or palletised casks. Additionally, site administrators can configure default values and modify system parameters to their specifications.

REPORTING

CaskTEK can provide cask performance and reporting information including HMRC records. CaskTEK also features an easy to follow audit trail of all user actions

WEB-BASED

The modules can be accessed and managed remotely via PCs, tablets and smartphones as the system is a web-based platform.

MODERN USER-INTERFACE

CaskTEK is built on robust, modern software packages allowing swift deployment and replacement of obsolete legacy systems.

CASKTEK MODULAR SOFTWARE

Filling Line Status

Line No	Parcel No	Status	Casks Filled	Current Cask	Bulk Filled	Lalc Filled	Cask Type	Lower Limit	Upper Limit
1	247	Filling Cask	1	101	220	147	Barrel 1st	150	220
2	0	Inactive	12	0	5	3	No Cask	0	0

Filling Head Status - Line 1

	Fill Head 1	Fill Head 2	Fill Head 3	Fill Head 4	Fill Head 5	Fill Head 6
Cask Number	101	0	0	0	0	0
Bulk	77	0	0	0	0	0
Status	Filling Cask	Idle	Idle	Idle	Idle	Idle

CASKTEK - Software disgorge screen

Blend ID	Barcode	Disgorged	Make	Cask Type	Bulk Litres	Lalc	Strength	Tint Value	Tint Result	Cask Disgorged
0018	LAGA202000000000100ZZ	13/02/2020 15:35:38	Lagavulin		240.5	156.7	65.1	7.596	PASS	✓
0018	LAGA202000000000101ZZ	13/02/2020 15:35:38	Lagavulin		242.6	160	66	8.395	PASS	✓
0018	LAGA202000000000102ZZ	13/02/2020 15:35:38	Lagavulin		242.5	160	66	8.38	PASS	✓
0018	LAGA202000000000103ZZ		Lagavulin		0	0	0	0	0	✓
0018	LAGA202000000000104ZZ		Lagavulin		0	0	0	0	0	✓
0018	LAGA202000000000105ZZ		Lagavulin		0	0	0	0	0	✓
0018	LAGA202000000000106ZZ		Lagavulin		0	0	0	0	0	✓
0018	LAGA202000000000107ZZ		Lagavulin		0	0	0	0	0	✓
0018	LAGA202000000000108ZZ		Lagavulin		0	0	0	0	0	✓

#1 - FILL

HOW IT HELPS?

- Automates Customs & Excise Reporting.
- Easy Operational Planning.
- Streamlines systems by interfacing with tools such as SAP or DRAMS.

WHO'S IT FOR?

- Anyone filling casks or vessels.
- Those needing to report volume, proof or bulk LA for HMRC or Customs & Excise.

WHAT IT DOES?

- Lets you schedule filling parcels and assign them to filling line.
- Records information from each cask fill including:
  - Date/Time
  - Volume
  - Proof
  - Bulk LA
  - Strength

#2 - DISGORGE

HOW IT HELPS?

- Automates Customs & Excise Reporting.
- Easy Operational Planning.
- Streamlines systems by interfacing with tools such as SAP or DRAMS.

WHO'S IT FOR?

- Anyone emptying casks.
- Issues with high maturation losses.
- Problem with leaking or poor performing casks.

WHAT IT DOES?

- Lets you plan casks to disgorge for blends or single malts.
- Records information on each cask empty including:
  - Date/Time
  - Volume
  - Proof
  - Bulk LA
  - Strength
- Track completion or identify any missing casks.
- Prevent rogue casks being disgorged.

#3 - PERFORMANCE REPORTING

HOW IT HELPS?

- Provides visibility of operational performance.
- Drives production improvements.
- Allows production planning.

WHO'S IT FOR?

- Need to track fill and disgorge operations.
- Need to predict volumes and performance.

WHAT IT DOES?

- Suite of reports based on industry standard KPIs.
  - Fill & Disgorge performance.
  - Line Utilisation levels.
  - Performance by shift/day/week/month.
- Ability to tailor reports to site requirements.

CASKTEK MODULAR SOFTWARE

Cask history report

Please enter a Cask ID: | CASK00005A | **Generate Report**

Barcode	Fill date	Disgorged date	Fill Bulk	Disgorge Bulk	Loss litres	Loss percent	Average monthly loss
CAME200600000001001ZZ	11/03/2006	20/11/2010	205	168.5	36.5	17.8%	0.32%
CAME201100000001011ZZ	26/07/2011	08/08/2015	210	166.6	43.4	20.7%	0.42%
CAME201600000023005ZZ	21/12/2016	31/12/2019	195	166.5	28.5	14.6%	0.41%

#4 - CASK MANAGEMENT

HOW IT HELPS?

- Provides cask to bottle history for marketing.
- Flags casks with good colour transfer.
- Helps reduce Maturation Loss.
- Manage cask suppliers.
- Plan cask recharring.
- Identify leaking or poor performing casks.

WHO'S IT FOR?

- Essential for anyone with fill and disgorge capability.

WHAT IT DOES?

- Suite of reports, at cask level, utilising fill and disgorge information:
  - Cask leakage
  - Cooper works
  - Tint/colour transfer level
  - Oak type
  - Cask supplier
- Accessible anywhere via a web application.

#5 - WAREHOUSE MANAGEMENT

HOW IT HELPS?

- Know the impact of cask warehouse location on maturation loss.
- Reduce time to store and drop casks from warehouses.
- Manage warehouse stock levels.
- Plan 3rd party stock storage and billing.

WHO'S IT FOR?

- Needing to simplify warehouse stock management.
- Wanting to remove paper based or manual recording of locations.

WHAT IT DOES?

- Utilising a unique location barcode, casks get scanned in and out of a warehouse.
- Information on location linked to specific casks.
- Integrates warehouse temperature and humidity zonal measurement and links to cask evaporation levels.
- Suite of reports based on product types and warehouse stock volumes.
- Accessible anywhere via a web application.

Cask leaker report

Enter Parcel No: | 0018
Enter Disgorge Start Date: | 13/02/2020 ▼ | End Date: | 13/02/2020 ▼
Generate Report

Breakdown	Number of casks disgorged	Percentage of casks disgorged
> 0% to <= 10%	2	33.3%
> 10% to <= 20%	3	50%
> 20% to <= 30%	0	0%
> 30% to <= 40%	0	0%
> 40% to <= 50%	0	0%
> 50% to <= 60%	1	16.6%
> 60% to <= 70%	0	0%
> 70% to <= 80%	0	0%
> 80% to <= 90%	0	0%
> 90% to <= 100%	0	0%
Total Disgorged	6	

Blend list   **Selected blend list casks**

Blend ID	Select	Blend ID	Barcode
0010	☐	0018	LAGA202000000000100ZZ
0013	☐	0018	LAGA202000000000100ZZ
0014	☐	0018	LAGA202000000000100ZZ
0015	☐	0018	LAGA202000000000100ZZ
0017	☐	0018	LAGA202000000000100ZZ
0018	☐	0018	LAGA202000000000100ZZ

Start Blend

Stop Blend

Import Blend

Print Cask List   **Print Selected Barcodes**

CASKTEK
FILLING SYSTEM

SIEMENS   **DIAGEO**   **AFRC**
ADVANCED FORMING RESEARCH CENTRE
UNIVERSITY OF STRATHCLYDE

FAST FILL TECHNOLOGY
EASY OPERATOR HANDLING
HIGH ACCURACY FILLING
CONSISTENT PERFORMANCE
LOW MAINTENANCE COSTS

The new CaskTEK filling system has been designed and proven to deliver a highly accurate and repeatable fast-fill.

ADVANCED FAST-FILL TECHNOLOGY

A HIGHLY ADVANCED FILLING SYSTEM WHICH DELIVERS

· Fast fill technology.
· Most accurate filling available.
· Repeatable fill full regardless of cask size.
· Cost effective replacement of existing legacy systems.

LATEST TECHNOLOGY

· Innovative filling head with built-in guided wave radar for high accuracy.
· Cask bottom filling to reduce foaming and improve repeatability.
· No more braided hoses! Reduced maintenance and easy operator handling with a modern Carbis-Loadtec articulated arm.
· Top or bilge filling capability.
· Single or multiple filling head stations.

INTEGRATED GUIDED WAVE RADAR PROVIDES HIGHLY CONSISTENT PERFORMANCE.

THE LATEST CORIOLIS FLOW METERS PROVIDE REAL TIME STRENGTH AND VOLUME MEASUREMENTS.

INNOVATIVE LANCE DESIGN REDUCES FOAMING AND MAXIMISES FILLING ACCURACY.

LOADTEC ARMS PROVIDE EASY OPERATOR HANDLING AND LOW COST MAINTENANCE.
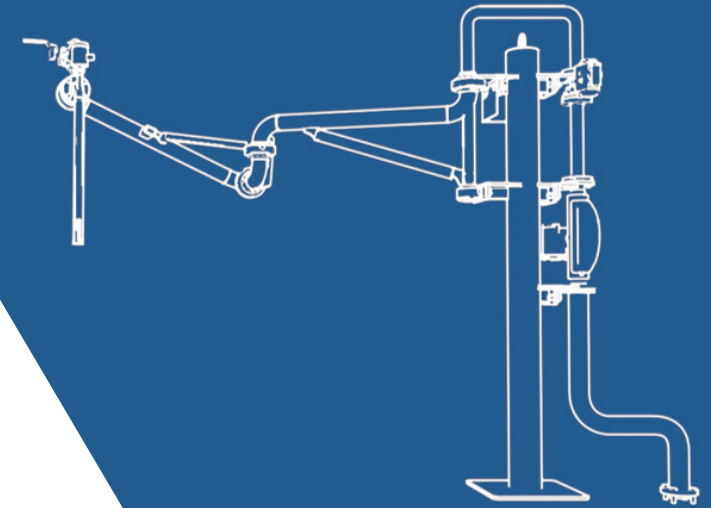
KIGTEK

OTHER SERVICES

CONTROL SYSTEM ENGINEERING
SAFETY SYSTEM ENGINEERING
SOFTWARE ENGINEERING
MAINTENANCE & SUPPORT
ELECTRICAL INSTALLATION
PANEL ASSEMBLY
DIGITAL TWIN

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